IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A cleaning device comprising:

a frame;

a scraping up body;

an adhesive roll;

a rotating body having a radius that varies along an axis of rotation of the rotating body, the rotating body rolling with the adhesive roll; and

means for contacting said adhesive roll with the rotating body, thereby causing said adhesive roll to rotate with the rotating body,

wherein the scraping up body and the rotating body are rotatably supported by the frame, the adhesive roll is arranged to rotate in parallel with the scraping up body and the rotating body.

Claim 2 (Previously Presented): A cleaning device according to claim 1, wherein an outer periphery of the adhesive roll contacts at least an outer periphery of the scraping up body.

Claim 3 (Previously Presented): A cleaning device according to claim 1, wherein a supporting guide for a rotating shaft of the adhesive roll is provided along an expected track which the rotating shaft of the adhesive roll draws on the frame when an outer diameter of the adhesive roll is reduced.

Claim 4 (Original): A cleaning device according to claim 1, wherein a biasing means is provided which makes the adhesive roll pressure contact with the rotating body.

Claim 5 (Previously Presented): A cleaning device according to claim 1, wherein the adhesive roll is positioned to maintain a constant distance from an outer periphery of the scraping up body.

Claim 6 (Currently Amended): A cleaning device comprising:

a frame;

a scraping up body ~~having an abrasive surface~~;

an adhesive roll; and

a rotating body having a concavo-convex portion, said rotating body rolling with the adhesive roll;

means for contacting said adhesive roll with the rotating body,

wherein the scraping up body and the rotating body are rotatably supported by the frame, the adhesive roll is arranged to rotate in parallel with the scraping up body and the rotating body, and the adhesive roll is positioned to maintain a constant distance from an outer periphery of the scraping up body.

Claim 7 (Previously Presented): A cleaning device according to claim 6, wherein an outer periphery of the adhesive roll contacts at least an outer periphery of the scraping up body.

Claim 8 (Previously Presented): A cleaning device according to claim 6, wherein a supporting guide for a rotating shaft of the adhesive roll is provided along an expected track which the rotating shaft of the adhesive roll draws on the frame when an outer diameter of the adhesive roll is reduced.

Claim 9 (Previously Presented): A cleaning device according to claim 6, further comprising means for biasing, which causes the adhesive roll to pressure contact the rotating body.

Claim 10 (Previously Presented): A cleaning device according to claim 6, wherein the adhesive roll is positioned to maintain a constant distance from an outer periphery of the scraping up body.

Claim 11 (Currently Amended): A cleaning device according to claim 6, wherein the scraping up body comprises ~~at least one of~~ a brush, a sponge, a rubber blade, an elastomer, or ~~and~~ an elastic projection.

Claim 12 (Previously Presented): A cleaning device according to claim 6, wherein the concavo-convex portion comprises at least one of a rib, a convex portion, a recess portion, and a crimping surface.

Claim 13 (Currently Amended): A cleaning device according to claim 1, wherein the scraping up body comprises ~~at least one of~~ a brush, a sponge, a rubber blade, an elastomer, or ~~and~~ an elastic projection.

Claim 14 (Previously Presented): A cleaning device comprising:

a frame;

a scraping up body;

an adhesive roll;

a rotating body having a concavo-convex portion, said rotating body rolling with the adhesive roll; and

means for contacting said adhesive roll with the rotating body, thereby causing said adhesive roll to rotate with the rotating body,

wherein the scraping up body and the rotating body are rotatably supported by the frame, the adhesive roll is arranged to rotate in parallel with the scraping up body and the rotating body.

Claim 15 (Previously Presented): A cleaning device according to claim 14, wherein an outer periphery of the adhesive roll contacts at least an outer periphery of the scraping up body.

Claim 16 (Previously Presented): A cleaning device according to claim 14, wherein a supporting guide for a rotating shaft of the adhesive roll is provided along an expected track which the rotating shaft of the adhesive roll draws on the frame when an outer diameter of the adhesive roll is reduced.

Claim 17 (Previously Presented): A cleaning device according to claim 14, further comprising means for biasing, which causes the adhesive roll to pressure contact the rotating body.

Claim 18 (Previously Presented): A cleaning device according to claim 14, wherein the adhesive roll is positioned to maintain a constant distance from an outer periphery of the scraping up body.

Claim 19 (Currently Amended): A cleaning device according to claim 14, wherein the scraping up body comprises ~~at least one of~~ a brush, a sponge, a rubber blade, an elastomer, or ~~and~~ an elastic projection.

Claim 20 (Previously Presented): A cleaning device according to claim 14, wherein the concavo-convex portion comprises at least one of a rib, a convex portion, a recess portion, and a crimping surface.